



Dart Aerospace Ltd.  
1270 Aberdeen St  
Hawkesbury, ON  
K6A 1K7  
Canada

Tel (613) 632-5200

D350-600-249

Job Sheet 179385



Part No: D350-600-249

Job Qty: 1 ea

Part Name: Spacepod™ Fwd Opening Upgrade Hardware Only



Part Weight: 0 lbs

Status: Scheduled

Priority: Medium

Job Created: 6/18/18

Job Tracking No:

Due Date: 7/12/18

Created By: Marie Lajeunesse

Type: SOLD

Description:

Note: DWG REV C IPP Rev:A new issue 07.01.31 EC IPP Rev:B 11.02.07 added missing AN960JD8 washer DD  
verf:JLM IPP REV:A 11.04.27 added 1 D3554-7 DD verf:EC

Ship Via:

### Bill of Materials

### Job Routing

| Op No | Operation          | Qty   | Start Date | Due Date | Standard  |         | Workcenter/Supplier   |           | Sign-off |
|-------|--------------------|-------|------------|----------|-----------|---------|-----------------------|-----------|----------|
|       |                    |       |            |          | Setup hrs | Run Hrs | Workcenter / Supplier | Lead Time |          |
| 90    | Start up Operation | 1 Ea  | 7/12/18    | 7/12/18  | 0.00      | 0.00    | Start Up Stores/Pkg-2 |           |          |
| 110   | Packaging          | 1 pcs | 7/12/18    | 7/12/18  | 0.00      | 0.00    | Packaging1-3          |           |          |
| 120   | QC                 | 1 pcs | 7/12/18    | 7/12/18  | 0.00      | 0.00    | QC4                   |           |          |
| 125   | DC                 | 1 pcs | 7/12/18    | 7/12/18  | 0.00      | 0.00    | DC                    |           |          |
| 130   | Packaging          | 1 pcs | 7/12/18    | 7/12/18  | 0.00      | 0.00    | Packaging34           |           |          |
| 140   | QC21-FG            | 1 Ea  | 7/12/18    | 7/12/18  | 0.00      | 0.00    | QC21                  |           |          |

Part Op 110 - Packaging

Descriptions: 125 - Photocopy bluefile & type labels per PPP 350-600-249 040001

130 - Identify and pack for shipping as per PPP D350-600-249 Location: F9023 PPP Rev: 9-00

### Job BOM

| Part / Item   | Component Name             | Quantity      | Operation             | Container   |
|---------------|----------------------------|---------------|-----------------------|-------------|
| AN526C832R24  | Screw                      | 4 Ea (4 ea)   | 90-Start up Operation | #124255     |
| A3235-020-935 | Washer, Countersunk        | 1 Ea (1 ea)   | 120-QC                | FM134370-25 |
| AN5-5A        | Bolt                       | 1 Ea (1 ea)   | 120-QC                | FM133363    |
| AN526C832R10  | Screw                      | 10 Ea (10 ea) | 120-QC                | FM127363    |
| AN526C832R14  | Screw                      | 6 Ea (6 ea)   | 120-QC                | FM133732    |
| D2228         | Backing Plate              | 2 Ea (2 ea)   | 120-QC                | F105984     |
| D2237         | Striker Plate              | 1 Ea (1 ea)   | 120-QC                | 5051680     |
| D2464         | Neoprene Seal (\$Per Foot) | 3 ft (3 ea)   | 120-QC                | F121946     |
| D3015-3       | Locknut                    | 2 Ea (2 ea)   | 120-QC                | 5068521     |
| D3538-1       | Hinge Bracket              | 2 Ea (2 ea)   | 120-QC                | 5076840     |
| D3547-1       | Bracket                    | 1 Ea (1 ea)   | 120-QC                | F106211     |
| D3550-1       | Strut                      | 1 Ea (1 ea)   | 120-QC                | F163313     |
| D3552-7       | Door Prop                  | 1 Ea (1 ea)   | 120-QC                | 5046005     |
| D3554-7       | Ball Stud                  | 2 Ea (2 ea)   | 120-QC                | F162143     |
| D3557-1       | Bracket                    | 1 Ea (1 ea)   | 120-QC                | F126308     |
| D5127-1       | Shim, Large                | 2 Ea (2 ea)   | 120-QC                | F128839     |
| MS20426AD4-5  | Rivet                      | 2 Ea (2 ea)   | 120-QC                | 3053740     |
| MS21042L08    | Nut                        | 22 Ea (22 ea) | 120-QC                | 5044234     |
| MS21042L5     | Nut                        | 1 Ea (1 ea)   | 120-QC                | 5058178     |
| MS24694-S69   | Screw                      | 1 Ea (1 ea)   | 120-QC                | F112492     |
| MS27039-08-11 | Screw                      | 2 Ea (2 ea)   | 120-QC                | FM13833670  |
| MS27039-1-25  | Screw                      | 1 Ea (1 ea)   | 120-QC                | FM123438    |

DQA: \_\_\_\_\_ Date: \_\_\_\_\_

**WORK ORDER NON-CONFORMANCE / UPDATE**

QA Closed: \_\_\_\_\_ Date: \_\_\_\_\_

Work Order update only ☐

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-|----------------------------------------------|--|--|-------------------------------------------|--------------------------|------------------------------------------------|--|--|----------------------------------------|--------------------------|-----------------------------------|--|--|
| Work Order: _____<br><br>Part No. _____<br><br>NCR No. _____                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                   | <b>DISPOSITION</b><br><br>Rework <input type="checkbox"/><br>Scrap <input type="checkbox"/><br>Use-as-is <input type="checkbox"/><br>Suspected Unapproved <input type="checkbox"/> | <b>AGAINST DEPARTMENT/PROCESS</b><br><br><table style="width:100%; border: none;"> <tr> <td style="border: none;">Skid-tube <input type="checkbox"/></td> <td style="border: none;">Cross tube <input type="checkbox"/></td> <td style="border: none;">Water Jet <input type="checkbox"/></td> <td style="border: none;">Engineering <input type="checkbox"/></td> </tr> <tr> <td style="border: none;">Machining <input type="checkbox"/></td> <td style="border: none;">Small Fab <input type="checkbox"/></td> <td style="border: none;">Prod. Eng. Coord. <input type="checkbox"/></td> <td style="border: none;">Quality <input type="checkbox"/></td> </tr> <tr> <td style="border: none;">Thermoforming <input type="checkbox"/></td> <td style="border: none;">Finishing <input type="checkbox"/></td> <td style="border: none;">Rec/Store/Packaging <input type="checkbox"/></td> <td style="border: none;">Other <input type="checkbox"/></td> </tr> <tr> <td style="border: none;">Large Fab <input type="checkbox"/></td> <td style="border: none;">Composite <input type="checkbox"/></td> <td style="border: none;">Supplier <input type="checkbox"/></td> <td></td> </tr> </table> |                                      |                                                 |                   | Skid-tube <input type="checkbox"/> | Cross tube <input type="checkbox"/> | Water Jet <input type="checkbox"/> | Engineering <input type="checkbox"/> | Machining <input type="checkbox"/>   | Small Fab <input type="checkbox"/> | Prod. Eng. Coord. <input type="checkbox"/>  | Quality <input type="checkbox"/> | Thermoforming <input type="checkbox"/> | Finishing <input type="checkbox"/> | Rec/Store/Packaging <input type="checkbox"/> | Other <input type="checkbox"/>    | Large Fab <input type="checkbox"/> | Composite <input type="checkbox"/> | Supplier <input type="checkbox"/> |                          |                                       |  |  |                                        |                          |                                   |  |  |                                       |                          |                                   |  |  |                                   |                          |                                          |  |  |                                             |                          |                                           |  |  |                                           |                          |                                  |  |  |                              |                          |                                              |  |  |                                     |                          |                                              |  |  |                                           |                          |                                                |  |  |                                        |                          |                                   |  |  |
| Skid-tube <input type="checkbox"/>                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                     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| Machining <input type="checkbox"/>                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                             | Small Fab <input type="checkbox"/>                                                                                                                                                 | Prod. 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| Thermoforming <input type="checkbox"/>                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                 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| Description Work _____                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                 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| <div style="display: flex; justify-content: space-between; align-items: center;"> <div style="writing-mode: vertical-rl; transform: rotate(180deg);">           Dart Aerospace Ltd.<br/>           1270 Aberdeen Street<br/>           Hawkesbury, ON K6A 1K7<br/>           CANADA<br/>           TEL.: 1 813 832-5200<br/>           Email: sales@dartaero.com<br/>           www.dartaerospace.com         </div> <div style="text-align: center;"> <br/> <b>Container No: S082681</b><br/> <b>Part: D350 - 600 - 249</b><br/> <b>Job No: 179385</b><br/> <b>Serial No/Batch: S082681</b><br/>           Revision:<br/>           Inspector:<br/>           Exp Date:<br/>           Instructions:         </div> <div style="writing-mode: vertical-rl; transform: rotate(180deg);">           Date: 06/20/18         </div> </div>                                                                                                                                                                                                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                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                               |                                      | Lead hand / Supervisor<br>Approval Verification |                   |                                    |                                     |                                    |                                      |                                      |                                    |                                             |                                  |                                        |                                    |                                              |                                   |                                    |                                    |                                   |                          |                                       |  |  |                                        |                          |                                   |  |  |                                       |                          |                                   |  |  |                                   |                          |                                          |  |  |                                             |                          |                                           |  |  |                                           |                          |                                  |  |  |                              |                          |                                              |  |  |                                     |                          |   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| <table style="width:100%; border: none;"> <tr> <td colspan="2" style="text-align: center;"><b>Root Cause</b></td> <td colspan="3"></td> </tr> <tr> <td style="width:15%;">Environment <input type="checkbox"/></td> <td style="width:15%;"><input type="checkbox"/></td> <td style="width:15%;">No Re-verification <input type="checkbox"/></td> <td style="width:15%;"></td> <td style="width:40%;"></td> </tr> <tr> <td>Design <input type="checkbox"/></td> <td><input type="checkbox"/></td> <td>Operator <input type="checkbox"/></td> <td></td> <td></td> </tr> <tr> <td>Doc/Data <input type="checkbox"/></td> <td><input type="checkbox"/></td> <td>Offset/Setup <input type="checkbox"/></td> <td></td> <td></td> </tr> <tr> <td>Equip/Tooling <input type="checkbox"/></td> <td><input type="checkbox"/></td> <td>Supplier <input type="checkbox"/></td> <td></td> <td></td> </tr> <tr> <td>Handling/Pre <input type="checkbox"/></td> <td><input type="checkbox"/></td> <td>Training <input type="checkbox"/></td> <td></td> <td></td> </tr> <tr> <td>Material <input type="checkbox"/></td> <td><input type="checkbox"/></td> <td>Use for Testing <input type="checkbox"/></td> <td></td> <td></td> </tr> <tr> <td>Internal Transport <input type="checkbox"/></td> <td><input type="checkbox"/></td> <td>Poor Information <input type="checkbox"/></td> <td></td> <td></td> </tr> <tr> <td>Tribal Knowledge <input type="checkbox"/></td> <td><input type="checkbox"/></td> <td>Rushing <input type="checkbox"/></td> <td></td> <td></td> </tr> <tr> <td>LOA <input type="checkbox"/></td> <td><input type="checkbox"/></td> <td>Product Improvement <input type="checkbox"/></td> <td></td> <td></td> </tr> <tr> <td>Substation <input type="checkbox"/></td> <td><input type="checkbox"/></td> <td>Process Improvement <input type="checkbox"/></td> <td></td> <td></td> </tr> <tr> <td>Past Expiry Date <input type="checkbox"/></td> <td><input type="checkbox"/></td> <td>Manufacturing Process <input type="checkbox"/></td> <td></td> <td></td> </tr> <tr> <td>Misidentified <input type="checkbox"/></td> <td><input type="checkbox"/></td> <td>Past Due <input type="checkbox"/></td> <td></td> <td></td> </tr> </table> |                                                                                                                                                                                    |                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                   |                                      |                                                 | <b>Root Cause</b> |                                    |                                     |                                    |                                      | Environment <input type="checkbox"/> | <input type="checkbox"/>           | No Re-verification <input type="checkbox"/> |                                  |                                        | Design <input type="checkbox"/>    | <input type="checkbox"/>                     | Operator <input type="checkbox"/> |                                    |                                    | Doc/Data <input type="checkbox"/> | <input type="checkbox"/> | Offset/Setup <input type="checkbox"/> |  |  | Equip/Tooling <input type="checkbox"/> | <input type="checkbox"/> | Supplier <input type="checkbox"/> |  |  | Handling/Pre <input type="checkbox"/> | <input type="checkbox"/> | Training <input type="checkbox"/> |  |  | Material <input type="checkbox"/> | <input type="checkbox"/> | Use for Testing <input type="checkbox"/> |  |  | Internal Transport <input type="checkbox"/> | <input type="checkbox"/> | Poor Information <input type="checkbox"/> |  |  | Tribal Knowledge <input type="checkbox"/> | <input type="checkbox"/> | Rushing <input type="checkbox"/> |  |  | LOA <input type="checkbox"/> | <input type="checkbox"/> | Product Improvement <input type="checkbox"/> |  |  | Substation <input type="checkbox"/> | <input type="checkbox"/> | Process Improvement <input type="checkbox"/> |  |  | Past Expiry Date <input type="checkbox"/> | <input type="checkbox"/> | Manufacturing Process <input type="checkbox"/> |  |  | Misidentified <input type="checkbox"/> | <input type="checkbox"/> | Past Due <input type="checkbox"/> |  |  |
| <b>Root Cause</b>                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                      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| Environment <input type="checkbox"/>                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                           | <input type="checkbox"/>                                                                                                                                                           | No Re-verification <input type="checkbox"/>                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                       |                                      |                                                 |                   |                                    |                                     |                                    |                                      |                                      |                                    |                                             |                                  |                                        |                                    |          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                                           |  |  |                                           |                          |                                                |  |  |                                        |                          |                                   |  |  |
| Design <input type="checkbox"/>                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                | <input type="checkbox"/>                                                                                                                                                           | Operator <input type="checkbox"/>                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                 |                                      |                                                 |                   |                                    |                                     |                                    |                                      |                                      |                                    |                                             |                                  |                                        |                                    |          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                                           |  |  |                                           |                          |                                                |  |  |                                        |                          |                                   |  |  |
| Doc/Data <input type="checkbox"/>                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                              | <input type="checkbox"/>                                                                                                                                                           | Offset/Setup <input type="checkbox"/>                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                             |                                      |                                                 |                   |                                    |                                     |                                    |                                      |                                      |                                    |                                             |                                  |                                        |                                    |          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                                           |  |  |                                           |                          |                                                |  |  |                                        |                          |                                   |  |  |
| Equip/Tooling <input type="checkbox"/>                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                         | <input type="checkbox"/>                                                                                                                                                           | Supplier <input type="checkbox"/>                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                  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                                           |  |  |                                           |                          |                                                |  |  |                                        |                          |                                   |  |  |
| Handling/Pre <input type="checkbox"/>                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                          | <input type="checkbox"/>                                                                                                                                                           | Training <input type="checkbox"/>                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                 |                                      |                                                 |                   |                                    |                                     |                                    |                                      |                                      |                                    |                                             |                                  |                                        |                                    |          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                                           |  |  |                                           |                          |                                                |  |  |                                        |                          |                                   |  |  |
| Material <input type="checkbox"/>                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                              | <input type="checkbox"/>                                                                                                                                                           | Use for Testing <input type="checkbox"/>                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                          |                                      |                                                 |                   |                                    |                                     |                                    |                                      |                                      |                                    |                                             |                                  |                                        |                                    |          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                                           |  |  |                                           |                          |                                                |  |  |                                        |                          |                                   |  |  |
| Internal Transport <input type="checkbox"/>                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                    | <input type="checkbox"/>                                                                                                                                                           | Poor Information <input type="checkbox"/>                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                         |                                      |                                                 |                   |                                    |                                     |                                    |                                      |                                      |                                    |                                             |                                  |                                        |                                    |          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                                           |  |  |                                           |                          |                                                |  |  |                                        |                          |                                   |  |  |
| Tribal Knowledge <input type="checkbox"/>                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                      | <input type="checkbox"/>                                                                                                                                                           | Rushing <input type="checkbox"/>                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                  |                                      |                                                 |                   |                                    |                                     |                                    |                                      |                                      |                                    |                                             |                                  |                                        |                                    |          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                                           |  |  |                                           |                          |                                                |  |  |                                        |                          |                                   |  |  |
| LOA <input type="checkbox"/>                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                   | <input type="checkbox"/>                                                                                                                                                           | Product Improvement <input type="checkbox"/>                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                      |                                      |                                                 |                   |                                    |                                     |                                    |                                      |                                      |                                    |                                             |                                  |                                        |                                    |          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                                           |  |  |                                           |                          |                                                |  |  |                                        |                          |                                   |  |  |
| Substation <input type="checkbox"/>                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                            | <input type="checkbox"/>                                                                                                                                                           | Process Improvement <input type="checkbox"/>                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                      |                                      |                                                 |                   |                                    |                                     |                                    |                                      |                                      |                                    |                                             |                                  |                                        |                                    |          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                                           |  |  |                                           |                          |                                                |  |  |                                        |                          |                                   |  |  |
| Past Expiry Date <input type="checkbox"/>                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                      | <input type="checkbox"/>                                                                                                                                                           | Manufacturing Process <input type="checkbox"/>                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                    |                                      |                                                 |                   |                                    |                                     |                                    |                                      |                                      |                                    |                                             |                                  |                                        |                                    |          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                                           |  |  |                                           |                          |                                                |  |  |                                        |                          |                                   |  |  |
| Misidentified <input type="checkbox"/>                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                         | <input type="checkbox"/>                                                                                                                                                           | Past Due <input type="checkbox"/>                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                 |                                      |                                                 |                   |                                    |                                     |                                    |                                      |                                      |                                    |                                             |                                  |                                        |                                    |          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                                           |  |  |                                           |                          |                                                |  |  |                                        |                          |                                   |  |  |
| OTHER : _____                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                          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                                           |  |  |                                           |                          |                                                |  |  |                                        |                          |                                   |  |  |



|               |             |               |             |
|---------------|-------------|---------------|-------------|
| NAS1149D0332J | Washer      | 1 Ea (1 ea)   | 120-QC      |
| NAS1149D0363J | Washer      | 1 Ea (1 ea)   | 120-QC      |
| NAS1149D0563J | Washer      | 4 Ea (4 ea)   | 120-QC      |
| NAS1149DN832J | Washer      | 24 Ea (24 ea) | 120-QC      |
| NAS1515H3     | Washer      | 2 Ea (2 ea)   | 120-QC      |
| D5127-3       | Shim, Small | 2 Ea (2 ea)   | 140-QC21-FG |
| MS21042L3     | Nut         | 2 Ea (2 ea)   | 140-QC21-FG |

8035396  
 5015269  
 5068662  
 5034411  
 FH131697-25  
 F128941  
 5078167

### Job Allocations

| Operation                       | Component Part | Required | Inventory | Allocated |
|---------------------------------|----------------|----------|-----------|-----------|
| 90-Start up Operation<br>120-QC | AN526C832R24   | 4        | 46        | 0         |
|                                 | A3235-020-935  | 1        | 83        | 0         |
|                                 | AN5-5A         | 1        | 148       | 0         |
|                                 | AN526C832R10   | 10       | 110       | 0         |
|                                 | AN526C832R14   | 6        | 116       | 0         |
|                                 | D2228          | 2        | 16        | 0         |
|                                 | D2237          | 1        | 49        | 0         |
|                                 | D2464          | 3        | 635       | 0         |
|                                 | D3015-3        | 2        | 305       | 0         |
|                                 | D3538-1        | 2        | 11        | 0         |
|                                 | D3547-1        | 1        | 14        | 0         |
|                                 | D3550-1        | 1        | 5         | 0         |
|                                 | D3552-7        | 1        | 10        | 0         |
|                                 | D3554-7        | 2        | 12        | 0         |
|                                 | D3557-1        | 1        | 5         | 0         |
|                                 | D5127-1        | 2        | 15        | 0         |
|                                 | MS20426AD4-5   | 2        | 81        | 0         |
|                                 | MS21042L08     | 22       | 1,813     | 0         |
|                                 | MS21042L5      | 1        | 583       | 0         |
|                                 | MS24694-S69    | 1        | 32        | 0         |
|                                 | MS27039-08-11  | 2        | 1,438     | 0         |
|                                 | MS27039-1-25   | 1        | 72        | 0         |
|                                 | NAS1149D0332J  | 1        | 1,770     | 0         |
|                                 | NAS1149D0363J  | 1        | 2,065     | 0         |
|                                 | NAS1149D0563J  | 4        | 1,979     | 0         |
|                                 | NAS1149DN832J  | 24       | 1,706     | 0         |
|                                 | NAS1515H3      | 2        | 198       | 0         |
| 140-QC21-FG                     | D5127-3        | 2        | 15        | 0         |
|                                 | MS21042L3      | 2        | 1,544     | 0         |

### Part Specifications

Specifications could not be found.

DQA: \_\_\_\_\_ Date: \_\_\_\_\_

**WORK ORDER NON-CONFORMANCE / UPDATE**

QA Closed: \_\_\_\_\_ Date: \_\_\_\_\_

Work Order update only ☐

|                                                              |                                                |                                                                                                                                                                                    |                                                            |                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                              |                                               |  |                       |                                                 |  |
|--------------------------------------------------------------|------------------------------------------------|------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------|------------------------------------------------------------|----------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------|-----------------------------------------------|--|-----------------------|-------------------------------------------------|--|
| Work Order: _____<br><br>Part No. _____<br><br>NCR No. _____ |                                                | <b>DISPOSITION</b><br><br>Rework <input type="checkbox"/><br>Scrap <input type="checkbox"/><br>Use-as-is <input type="checkbox"/><br>Suspected Unapproved <input type="checkbox"/> |                                                            | <b>AGAINST DEPARTMENT/PROCESS</b><br><br><div style="display: flex; justify-content: space-between;"> <div>           Skid-tube <input type="checkbox"/><br/>           Machining <input type="checkbox"/><br/>           Thermoforming <input type="checkbox"/><br/>           Large Fab <input type="checkbox"/> </div> <div>           Cross tube <input type="checkbox"/><br/>           Small Fab <input type="checkbox"/><br/>           Finishing <input type="checkbox"/><br/>           Composite <input type="checkbox"/> </div> <div>           Water Jet <input type="checkbox"/><br/>           Prod. Eng. Coord. <input type="checkbox"/><br/>           Rec/Store/Packaging <input type="checkbox"/><br/>           Supplier <input type="checkbox"/> </div> <div>           Engineering <input type="checkbox"/><br/>           Quality <input type="checkbox"/><br/>           Other <input type="checkbox"/> </div> </div> |                                               |  |                       |                                                 |  |
| Date :                                                       |                                                | Step #:                                                                                                                                                                            |                                                            | QTY Effective :                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                              |                                               |  | MRB (QSI042) Approval |                                                 |  |
| Description Work Order Deviation                             |                                                |                                                                                                                                                                                    |                                                            | Disposition                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                  |                                               |  |                       | Completed By                                    |  |
|                                                              |                                                |                                                                                                                                                                                    |                                                            |                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                              |                                               |  |                       | Lead hand / Supervisor<br>Approval Verification |  |
|                                                              |                                                |                                                                                                                                                                                    |                                                            |                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                              |                                               |  |                       | QC / QA Coordinator<br>Approval                 |  |
|                                                              |                                                |                                                                                                                                                                                    |                                                            |                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                              |                                               |  |                       |                                                 |  |
| <b>Root Cause</b>                                            |                                                | <b>FAULT CATEGORY</b>                                                                                                                                                              |                                                            |                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                              |                                               |  |                       |                                                 |  |
| Environment <input type="checkbox"/>                         | No Re-verification <input type="checkbox"/>    | Pressure/Forced <input type="checkbox"/>                                                                                                                                           | Temperature/Cure <input type="checkbox"/>                  | Power Loss/Surge <input type="checkbox"/>                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                    | Positioned Wrong <input type="checkbox"/>     |  |                       |                                                 |  |
| Design <input type="checkbox"/>                              | Operator <input type="checkbox"/>              | Bending <input type="checkbox"/>                                                                                                                                                   | Set-up <input type="checkbox"/>                            | Folio/Program <input type="checkbox"/>                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                       | Outside Dimensions <input type="checkbox"/>   |  |                       |                                                 |  |
| Doc/Data <input type="checkbox"/>                            | Offset/Setup <input type="checkbox"/>          | Centre Not Concentric <input type="checkbox"/>                                                                                                                                     | BOM/Route <input type="checkbox"/>                         | Grain <input type="checkbox"/>                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                               | Over/Under tolerance <input type="checkbox"/> |  |                       |                                                 |  |
| Equip/Tooling <input type="checkbox"/>                       | Supplier <input type="checkbox"/>              | Cracks <input type="checkbox"/>                                                                                                                                                    | Broken/Damage/Defect <input type="checkbox"/>              | Weld <input type="checkbox"/>                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                | Part Incorrect <input type="checkbox"/>       |  |                       |                                                 |  |
| Handling/Pre <input type="checkbox"/>                        | Training <input type="checkbox"/>              | Crimp/Kink/Ripple/Wave <input type="checkbox"/>                                                                                                                                    | Inspection Incomplete/Unqualified <input type="checkbox"/> | Wrong Stock Pulled <input type="checkbox"/>                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                  | Part Lost/Missing <input type="checkbox"/>    |  |                       |                                                 |  |
| Material <input type="checkbox"/>                            | Use for Testing <input type="checkbox"/>       | Cuffs <input type="checkbox"/>                                                                                                                                                     | Contamination <input type="checkbox"/>                     | Out of Sequence <input type="checkbox"/>                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                     | Part Moved <input type="checkbox"/>           |  |                       |                                                 |  |
| Internal Transport <input type="checkbox"/>                  | Poor Information <input type="checkbox"/>      | Crushing <input type="checkbox"/>                                                                                                                                                  | Countersink <input type="checkbox"/>                       | Off-set <input type="checkbox"/>                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                             | Drawing <input type="checkbox"/>              |  |                       |                                                 |  |
| Tribal Knowledge <input type="checkbox"/>                    | Rushing <input type="checkbox"/>               | Heat Treat <input type="checkbox"/>                                                                                                                                                | Cut Too Short <input type="checkbox"/>                     | Mislabeled <input type="checkbox"/>                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                          | Finish <input type="checkbox"/>               |  |                       |                                                 |  |
| LOA <input type="checkbox"/>                                 | Product Improvement <input type="checkbox"/>   | Wave/Twist in Tube <input type="checkbox"/>                                                                                                                                        | Instructions Incomplete/Unclear <input type="checkbox"/>   | Fit/Function <input type="checkbox"/>                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                        | Misread <input type="checkbox"/>              |  |                       |                                                 |  |
| Substation <input type="checkbox"/>                          | Process Improvement <input type="checkbox"/>   | Marks/Chatter <input type="checkbox"/>                                                                                                                                             | Drill Holes <input type="checkbox"/>                       | Misaligned/off center <input type="checkbox"/>                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                               | Turning Sequence <input type="checkbox"/>     |  |                       |                                                 |  |
| Past Expiry Date <input type="checkbox"/>                    | Manufacturing Process <input type="checkbox"/> | OTHER : _____                                                                                                                                                                      |                                                            |                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                              |                                               |  |                       |                                                 |  |
| Misidentified <input type="checkbox"/>                       | Past Due <input type="checkbox"/>              |                                                                                                                                                                                    |                                                            |                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                              |                                               |  |                       |                                                 |  |



| -241 | -242 | -243 | -245 | -246 | -247 | -248 | -249 | -449 | Part Number           | Description              |
|------|------|------|------|------|------|------|------|------|-----------------------|--------------------------|
| X    |      |      |      |      |      |      |      |      | D350-600-241          | SPACEPOD™ LH, AS350      |
|      | X    |      |      |      |      |      |      |      | D350-600-242          | SPACEPOD™ RH, AS350/355  |
|      |      | X    |      |      |      |      |      |      | D355-600-243          | SPACEPOD™ LH, AS355      |
| 1    |      | 1    | X    |      |      |      |      |      | D350-600-245          | DOOR ASSEMBLY LH         |
|      | 1    |      |      | X    |      |      |      |      | D350-600-246          | DOOR ASSEMBLY RH         |
|      |      |      |      |      | X    |      |      |      | D350-600-247          | SPACEPOD™ UPGRADE KIT LH |
|      |      |      |      |      |      | X    |      |      | D350-600-248          | SPACEPOD™ UPGRADE KIT RH |
|      |      |      |      |      |      |      | X    |      | D350-600-249          | SPACEPOD™ UPGRADE KIT    |
| 1    | 1    | 1    |      |      |      |      |      | X    | D350-600-449          | SWITCH RELOCATION KIT    |
| 2    | 2    | 2    |      |      |      |      |      |      | D2174-041             | WEB ASSEMBLY             |
|      |      |      |      |      |      |      | 1    |      | D2464-0360            | NEOPRENE SEAL            |
|      |      |      | 1    | 1    |      |      |      |      | D2589                 | KEYS, KEY CHAIN          |
| 1    | 1    | 1    |      |      |      |      |      |      | D2985                 | DECAL                    |
| 1    | 1    | 1    |      |      | 1    | 1    | 1    |      | D3015-3               | LOCK NUT                 |
|      |      |      | 1    |      | 1    |      |      |      | D3186-3               | SPACEPOD DOOR, LH        |
|      |      |      |      | 1    |      | 1    |      |      | D3186-4               | SPACEPOD DOOR, RH        |
| 1**  |      | 1**  |      |      |      |      |      |      | D3187-1               | FLOOR                    |
|      | 1**  |      |      |      |      |      |      |      | D3187-2               | FLOOR                    |
| 1    |      |      |      |      |      |      |      |      | D3188-5               | SPACEPOD BODY            |
|      | 1    |      |      |      |      |      |      |      | D3188-6               | SPACEPOD BODY            |
|      |      | 1    |      |      |      |      |      |      | D3188-7               | SPACEPOD BODY            |
| 1    | 1    | 1    |      |      | 1    | 1    | 1    |      | D3547-1               | BRACKET                  |
| 1    | 1    | 1    |      |      | 1    | 1    | 1    |      | D3550-1               | STRUT                    |
|      |      |      | 1    | 1    | 1    | 1    | 1    |      | D3552-7               | GAS SPRING               |
| 1    | 1    | 1    |      |      | 1    | 1    | 1    |      | D3554-7               | BALL STUD                |
| 8    | 8    | 8    |      |      |      |      |      |      | AN3-3A                | BOLT                     |
| 2    | 2    | 2    |      |      |      |      |      |      | AN3-10A               | BOLT                     |
| 8    | 8    | 8    |      |      |      |      |      |      | AN3H4                 | BOLT                     |
| 1    | 1    | 1    |      |      | 1    | 1    | 1    |      | AN5-5A                | BOLT                     |
| 36   | 36   | 36   |      |      |      |      |      |      | AN525-10R7            | SCREW                    |
| 8    | 8    | 8    |      |      | 4    | 4    | 4    |      | AN526C832R14          | SCREW                    |
| 7    | 7    | 7    |      |      |      |      |      |      | <del>MS24694S67</del> | SCREW                    |
| 1    | 1    | 1    |      |      | 1    | 1    | 1    |      | MS24694S69            | SCREW                    |
|      |      |      | 2    | 2    | 2    | 2    | 2    |      | MS27039-0811          | SCREW                    |
| 8    | 8    | 8    |      |      | 1    | 1    | 1    |      | AN3235-020-935        | WASHER                   |
| 8    | 8    | 8    |      |      |      |      |      |      | AN960JD10             | WASHER                   |
| 16   | 16   | 16   |      |      | 1    | 1    | 1    |      | AN960JD10L            | WASHER                   |
|      |      |      | 4    | 4    | 8    | 8    | 8    |      | AN960JD8              | WASHER                   |
| 3    | 3    | 3    |      |      | 3    | 3    | 3    |      | AN960JD516            | WASHER                   |
|      |      |      | 2    | 2    | 2    | 2    | 2    |      | NAS1515H3             | NYLON WASHER             |
|      |      |      | 2    | 2    | 6    | 6    | 6    |      | MS21042L08            | NUT                      |
| 16   | 16   | 16   |      |      | 1    | 1    | 1    |      | MS21042L3             | NUT (or MS21042-3)       |
| 1    | 1    | 1    |      |      | 1    | 1    | 1    |      | MS21042L5             | NUT                      |
| 16   | 16   | 16   |      |      |      |      |      |      | AKS7-1032-130         | INSERT                   |
| 28** | 28** | 28** |      |      |      |      |      |      | AKS7-1032-130         | INSERT                   |
|      |      |      |      |      |      |      |      | 3    | M81824/1-2            | SPLICE                   |

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Revision: E

Date: 09.07.31

| -241 | -242 | -243 | -245 | -246 | -247 | -248 | -249 | -449  | Part Number    | Description            |
|------|------|------|------|------|------|------|------|-------|----------------|------------------------|
|      |      |      |      |      |      |      |      | 2     | D3597-1        | FEMALE SPADE CONNECTOR |
|      |      |      |      |      |      |      |      | 1     | D3598-2-096    | EXPANDABLE SLEEVE      |
|      |      |      |      |      |      |      |      | 24    | D3599-1        | TIE-WRAP               |
|      |      |      |      |      |      |      |      | 24    | D3600-1        | TIE-WRAP MOUNT         |
|      |      |      |      |      |      |      |      | 24 FT | M22759/16-22-9 | WIRE                   |
|      |      |      | 1*   | 1*   | 1*   | 1*   |      |       | D2464-1250     | NEOPRENE SEAL          |
| 1**  |      | 1**  | 1*   |      | 1*   |      |      |       | D3567-1        | DECAL                  |
|      | 1**  |      |      | 1*   |      | 1*   |      |       | D3567-2        | DECAL                  |
|      |      |      | 2*   | 2*   |      |      |      |       | D2586          | LATCH                  |
|      |      |      | 2*   | 2*   |      |      |      |       | D2585          | MOUNTING CHANNEL       |
|      |      |      | 2*   | 2*   |      |      |      |       | D2621          | LATCH PLATE            |
|      |      |      | 2*   | 2*   |      |      |      |       | MS27039-1-15   | SCREW                  |
|      |      |      |      |      | 2    | 2    | 1    |       | MS27039-1-25   | SCREW                  |
|      |      |      | 2*   | 2*   | 2    | 2    | 1    |       | AN960JD10      | WASHER                 |
|      |      |      | 2*   | 2*   | 2    | 2    | 1    |       | MS21042L3      | NUT (or MS21042-3)     |
|      |      |      | 1*   | 1*   |      |      |      |       | D2857-1        | HINGE BRACKET          |
|      |      |      | 1*   | 1*   |      |      |      |       | D2857-2        | HINGE BRACKET          |
|      |      |      | 2*   | 2*   |      |      |      |       | D2228          | BACKING PLATE          |
|      |      |      | 8*   | 8*   | 8    | 8    | 8    |       | AN526C832R10   | SCREW                  |
|      |      |      | 8*   | 8*   | 8    | 8    | 8    |       | AN960JD8       | WASHER                 |
|      |      |      | 8*   | 8*   | 8    | 8    | 8    |       | MS21042L08     | NUT                    |
|      |      |      | 1*   | 1*   | 1*   | 1*   | 1    |       | D3557-1        | BRACKET                |
|      |      |      | 2*   | 2*   | 2*   | 2*   | 2    |       | D2228          | BACKING PLATE          |
|      |      |      | 1*   | 1*   | 1*   | 1*   | 1    |       | D3554-7        | BALL STUD              |
|      |      |      | 1*   | 1*   | 1*   | 1*   | 1    |       | AN960JD516     | WASHER                 |
|      |      |      | 1*   | 1*   | 1*   | 1*   | 1    |       | D3015-3        | LOCK NUT               |
|      |      |      | 2*   | 2*   | 2*   | 2*   | 2    |       | AN526C832R14   | SCREW                  |
|      |      |      | 2*   | 2*   | 2*   | 2*   | 2    |       | AN526C832R10   | SCREW                  |
|      |      |      | 4*   | 4*   | 4*   | 4*   | 4    |       | AN960JD8       | WASHER                 |
|      |      |      | 4*   | 4*   | 4*   | 4*   | 4    |       | MS21042L08     | NUT                    |
| 2**  | 2**  | 2**  |      |      | 1    | 1    | 1    |       | D2237          | STRIKER PLATE          |
| 4**  | 4**  | 4**  |      |      | 2    | 2    | 2    |       | MS20426AD4-5   | RIVET                  |
| 2**  | 2**  | 2**  |      |      | 2    | 2    | 2    |       | D3538-1        | HINGE BRACKET          |
| 2**  | 2**  | 2**  |      |      |      |      |      |       | D2179          | HINGE BRACKET PLATE    |
| 4**  | 4**  | 4**  |      |      | 4    | 4    | 4    |       | AN526C832R24   | SCREW                  |
| 4**  | 4**  | 4**  |      |      | 4    | 4    | 4    |       | AN960JD8       | WASHER                 |
| 4**  | 4**  | 4**  |      |      | 4    | 4    | 4    |       | MS21042L08     | NUT                    |

\* PRE-INSTALLED ON D3186-3/-4 SPACEPOD™ DOOR

\*\* PRE-INSTALLED ON D3188-5/-6/-7 SPACEPOD™



## Change Record

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**Part Number:** D350-600-249

Description: SPACEPOD UPGRADE[illegible]